

Appl. No. 09/964,667; Group Art Unit: 1633  
Dkt. No. 0609.4370005; Batch No.: N/A  
Inventors: de la Monte *et al.*; Tel: 202/371-2600  
Title: Transgenic Animals and Cell Lines for Screening Drugs  
Effective for the Treatment or Prevention of Alzheimer's etc.

1	ttttttttttttgag	ATG GAG TTT TCG CTC TTG TTG CCC AGG CTG GAG TGC AAT GGC GCA ATC	62
1		M E F S L L L P R L E C N G A I	16
63	TCA GCT CAC CGC AAC CTC CGC CTC CGG GGT TCA AGC GAT TCT CCT GCC TCA GCC TCC CCA	122	
17	S A H R N L R L P G S S D S P A S A S P	36	
123	GTA GCT GGG ATT ACA GGC ATG TGC ACC CAC GCT CGG CTA ATT TTG TAT TTT TTT TTA GTA	182	
37	V A G I T G M C T H A R L I L Y F F L V	56	
183	GAG ATG GAG TTT CTC CAT GTT GGT CAG GCT GGT CTC GAA CTC CCG ACC TCA GAT GAT CCC	242	
57	E M E F L H V G Q A G L E L P T S D D P	76	
243	TCC GTC TCG GCC TCC CAA AGT GCT AGA TAC AGG ACT GGC CAC CAT GCC CGG CTC TGC CTC	302	
77	S V S A S Q S A R Y R T G H A R L C L	96	
303	GCT AAT TTT TGT GGT AGA AAC AGG GTT TCA CTG ATG TGC CCA AGC TGG TCT CCT GAG CTC	362	
97	A N F C G R N R V S L M C P S W S P E L	116	
363	AAG CAG TCC ACC TGC CTC AGC CTC CCA AAG TGC TGG GAT TAC AGG CGT GCA GCC GTG CCT	422	
117	K Q S T C L S L P K C W D Y R R A A V P	136	
423	GGC CTT TTT ATT TTA TTT TTT TTA AGA CAC AGG TGT	482	
137	G L F I L F F L R H R C P T L T Q D E V	156	

FIG. 1A

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483 CAG TGG TGT GAT CAC AGC TCA CTG CAG CCT TCA ACT CCT GAG ATC AAG CAT CCT CCT GCC 542  
 157 Q W C D H S S L Q P S T P E I K H P P A 176

543 TCA GCC TCC CAA GTA GCT GCG ACC AAA GAC ATG CAC CAC TAC ACC TGG CTA ATT TTT ATT 602  
 177 S A S Q V A G T K D M H Y T W L I F I 196

603 TTT ATT TTT AAT TTT TTG AGA CAG AGT CTC AAC TCT GTC ACC CAG GCT GGA GTG CAG TGG 662  
 197 F I F N F L R Q S L N S V T Q A G V Q W 216

663 CGC AAT CTT GGC TCA CTG CAA CCT CTG CCT CCC GGG TTC AAG TTA TTC TCC TGC CCC AGC 722  
 217 R N L G S L Q P L P P G F K L F S C P S 236

723 CTC CTG AGT AGC TGG GAC TAC AGG CGC CCA CCA CGC CTA GCT AAT TTT TTT GTA TTT TTA 782  
 237 L L S S W D Y R R P P R L A N F F V F L 256

783 GTA GAG ATG GCG TTC ACC ATG TTC GCG AGG TTG ATC TTC ATC TCT GCA CCT TGT GAT CIG 842  
 257 V E M G F T M F A R L I L I S G P C D L 276

843 CCT GCC TCG GCC TCC CAA AGT GCT GCG ATT ACA GCG GTG AGC CAC CAC GCC CGG CTT ATT 902  
 277 P A S A S Q S A G I T G V S H A R L I 296

903 TTT AAT TTT TGT TTG TTT GAA ATG GAA TCT CAC TCT GTT ACC CAG GCT GGA GTG CAA TGG 962  
 297 F N F C L F E M E S H S V T Q A G V Q W 316

FIG. 1B

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963  CCA AAT CTC GGC TCA CTG CAA CCT CTG CCT CCC GGG CTC AAG CGA TTC TCC TGT CTC AGC 1022
317  P N L G S L Q P L P P G L K R F S C L S 336

1023  CTC CCA AGC AGC TGG GAT TAC GGG CAC CTG CCA CCA CAC CCC GCT AAT TTT TGT ATT TTC 1082
337  L P S S W D Y G H L P P H P A N F C I F 356

1083  ATT AGA GGC GGT TCA CCA TAT TTG TCA GGC TGG TCT CAA ACT CCT GAC CTC AGG tgac 1143
357  I R G C V S P Y L S G W S Q T P D L R 375

1144  ccacctgcctcagccttccaagtgtctgggattacaggcgtgagccacctcaccacgcgggctaatttagataaaaaaat 1223

1224  atgtagcaatggggggtcttgctatgttgccaggctggtctcaacttctggcttcattgcaatccttccaatgagcca 1303

1304  caacacccagccagtcacattttttaaacagttacatctttatttttagtatactagaagtaatacaataaacatgtcaa 1383

1384  acctgcaattcagtagtaacagagttcttttataactttttaaaccaagctttagagca 1442

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FIG. 1C

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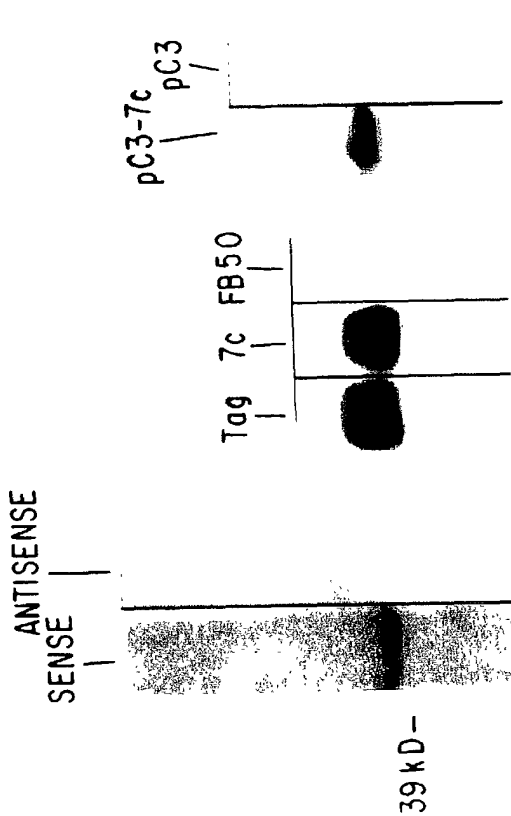
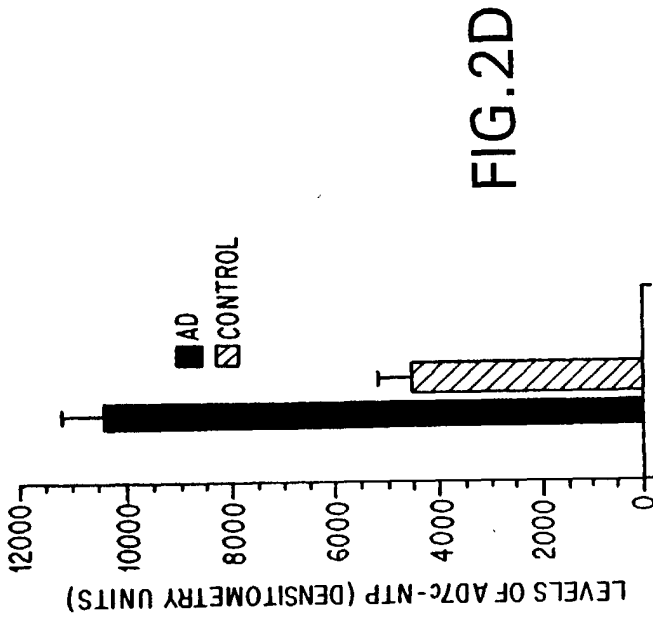


FIG. 2A FIG. 2B FIG. 2C

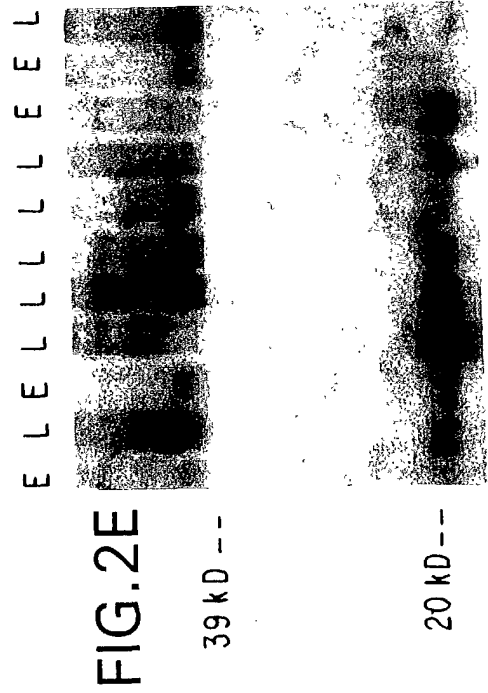
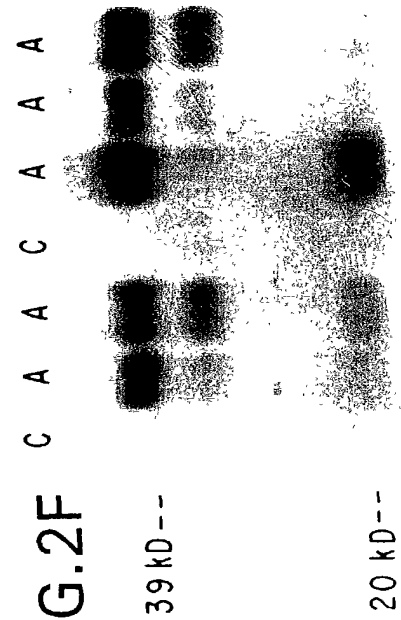


FIG. 2F



0994667, 03.25.02

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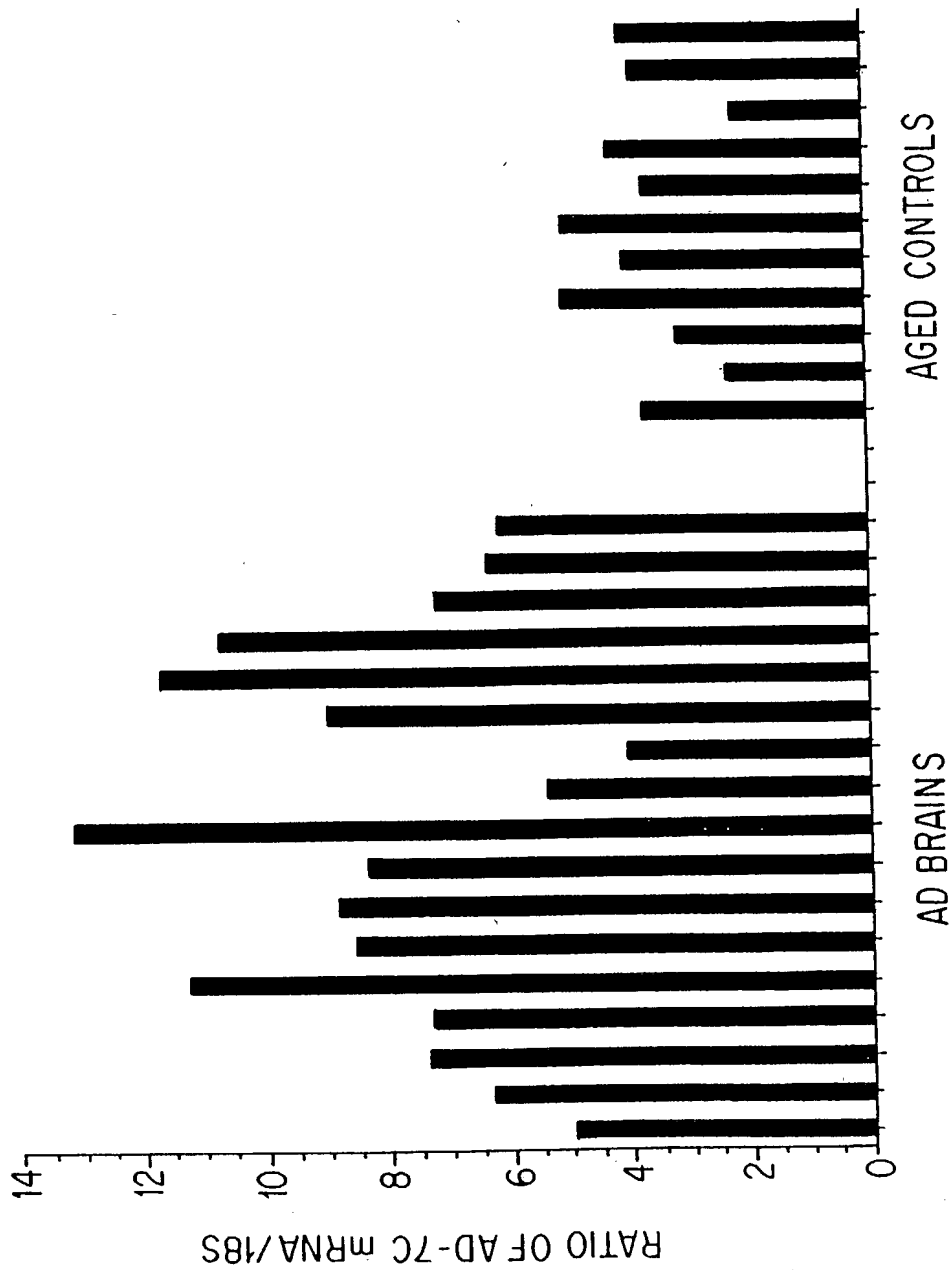


FIG. 3A

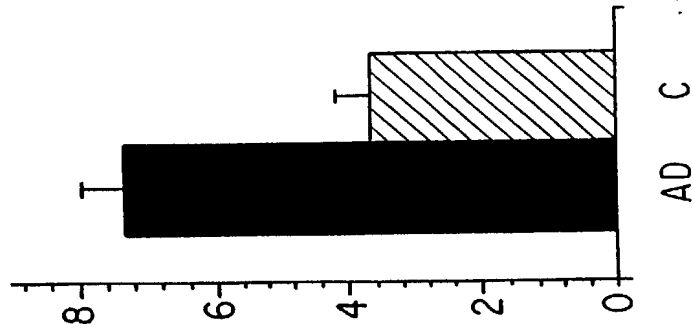


FIG. 3B

FIG. 3F

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FIG. 4D



FIG. 4C

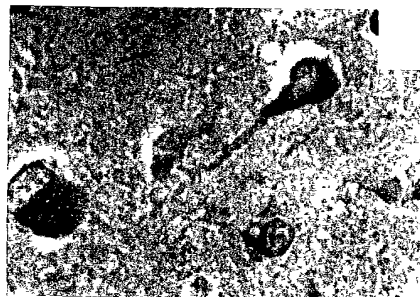


FIG. 4B

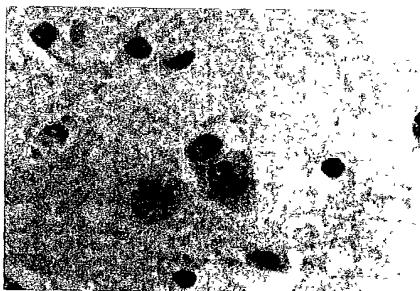


FIG. 4A

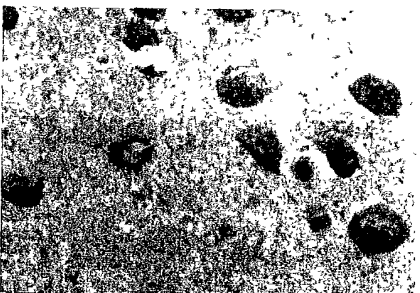


FIG. 4H

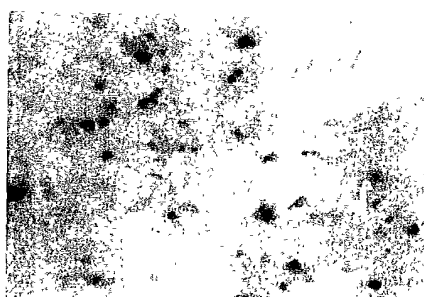


FIG. 4G

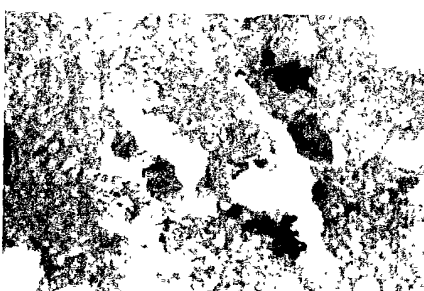


FIG. 4F



FIG. 4E

Appl. No. 09/964,667; Group Art Unit: 1633  
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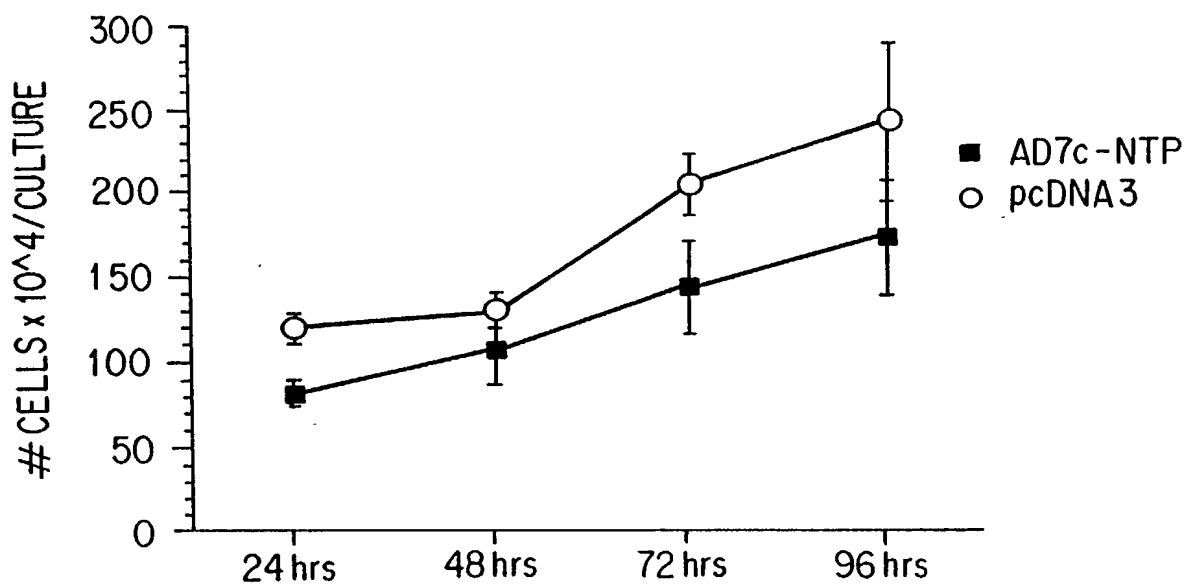


FIG. 5A

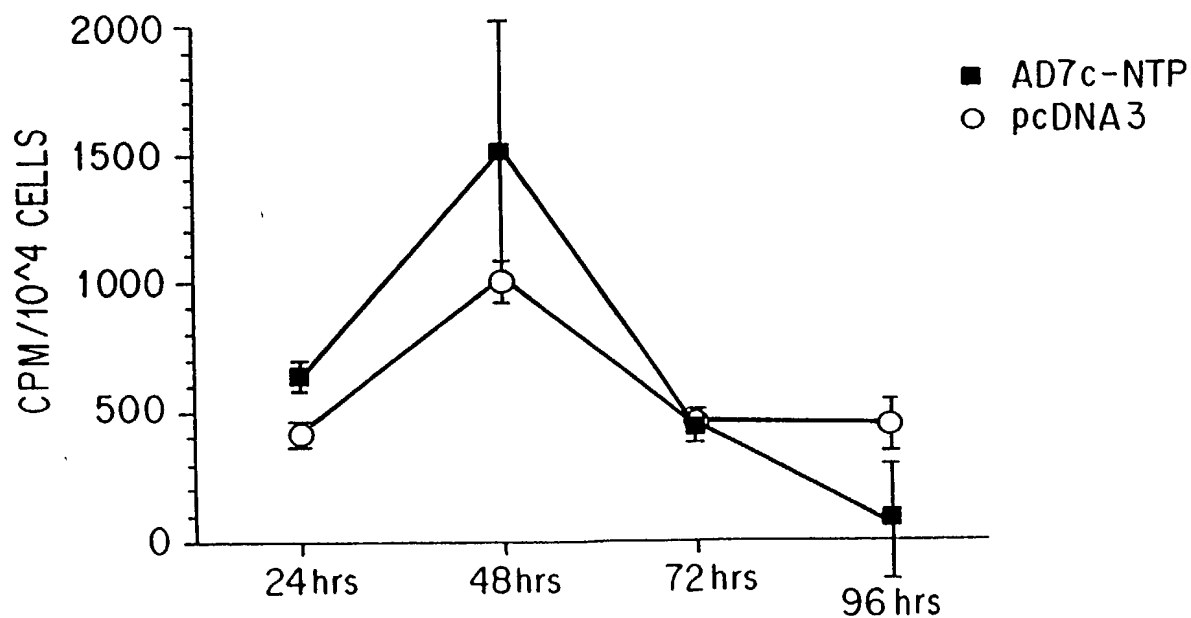
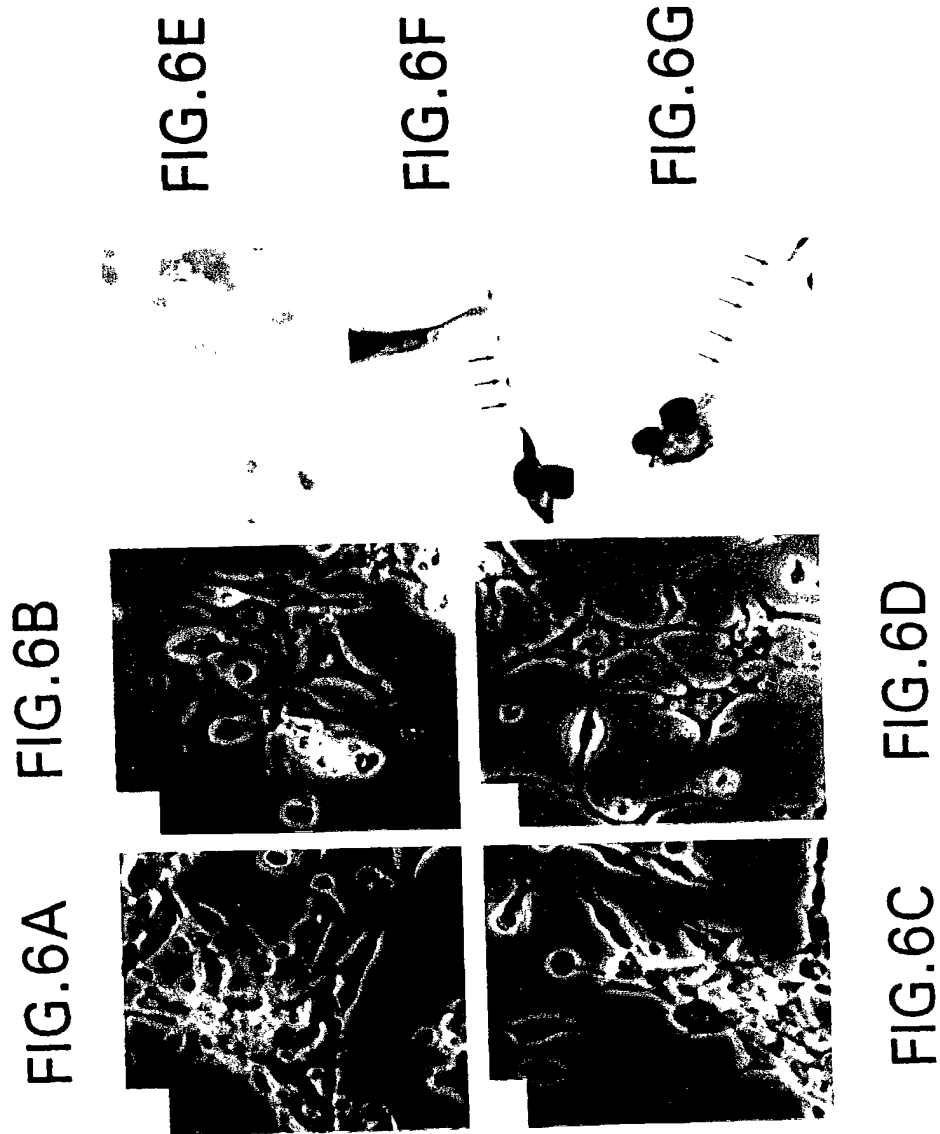


FIG. 5B



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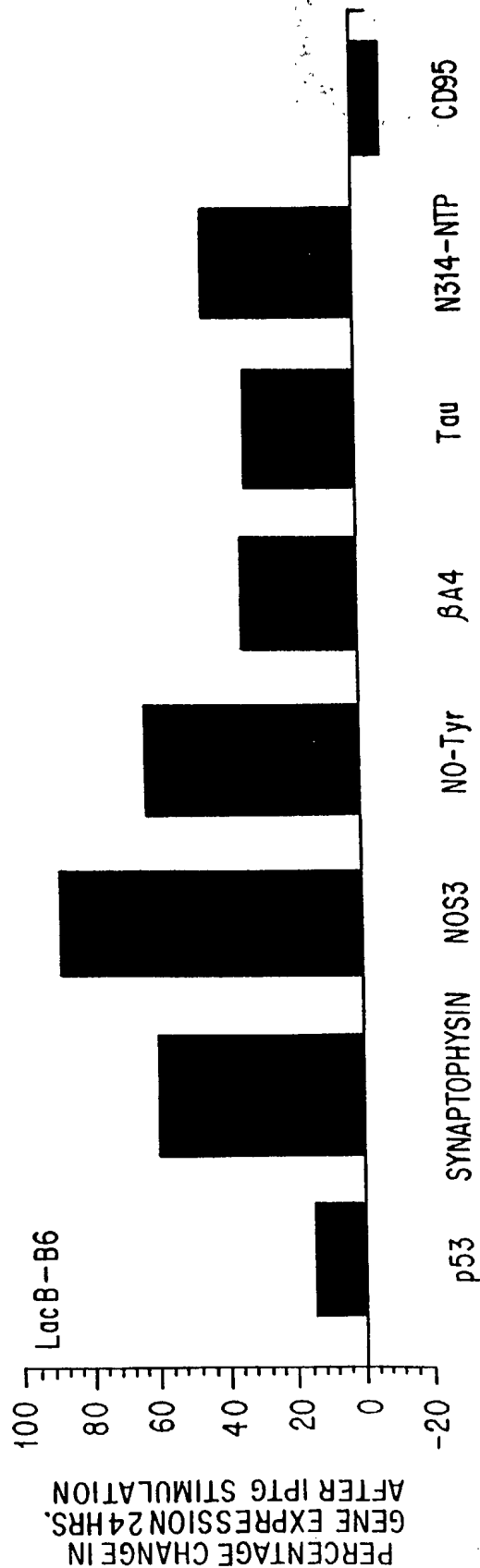
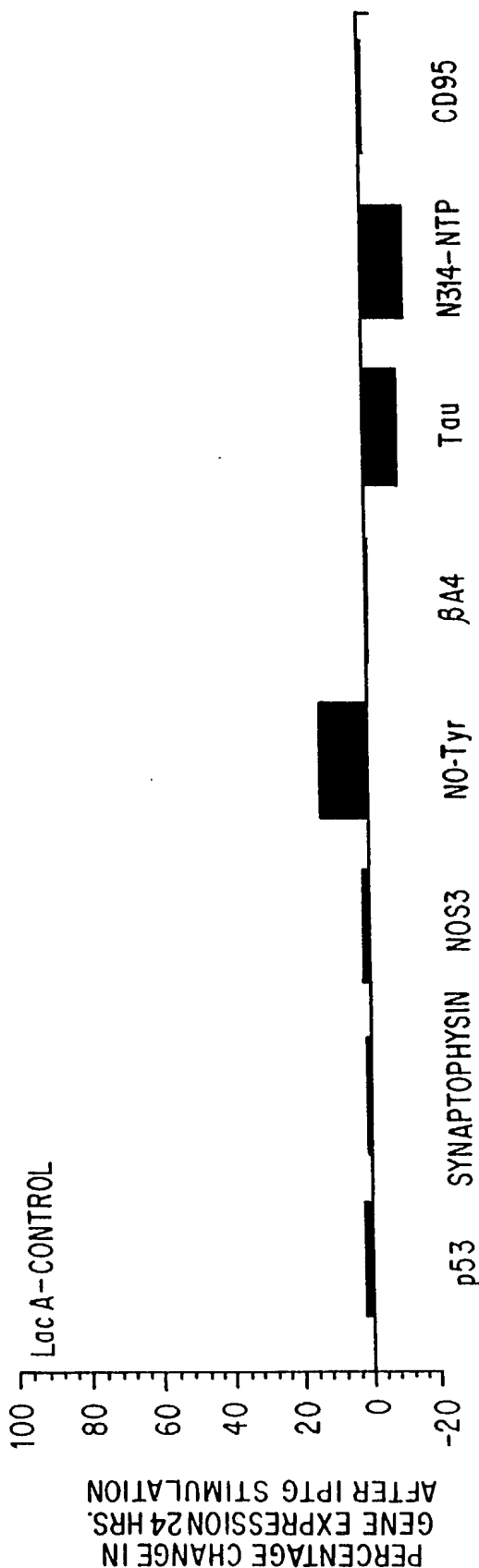


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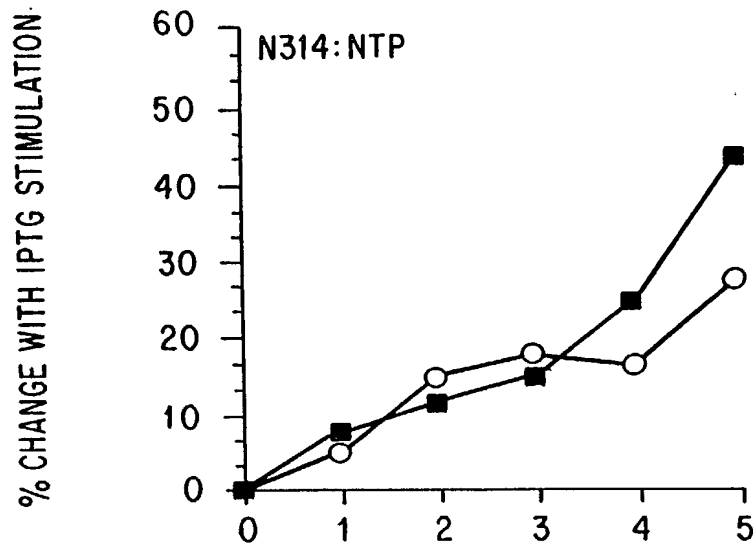


FIG. 8A

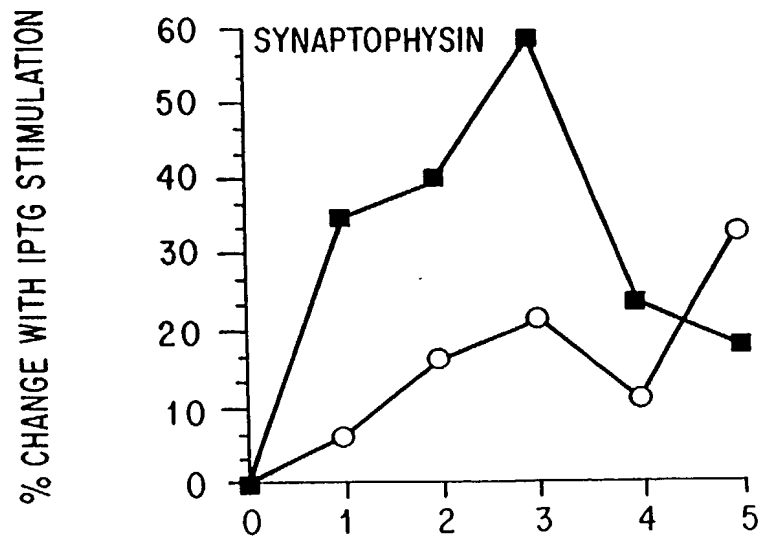


FIG. 8B

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% CHANGE WITH IPTG STIMULATION

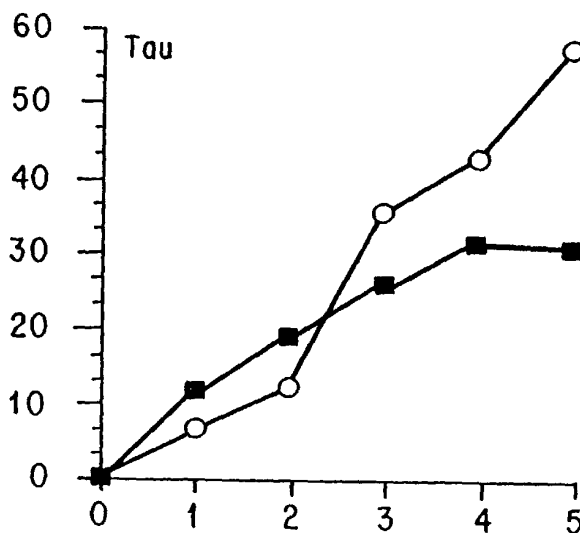


FIG. 8C

% CHANGE WITH IPTG STIMULATION

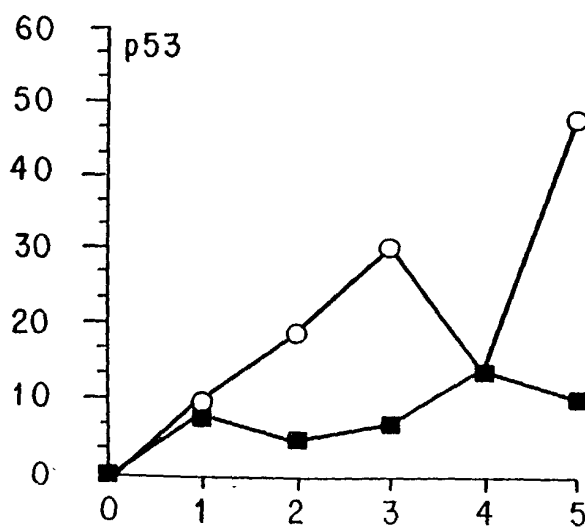


FIG. 8D

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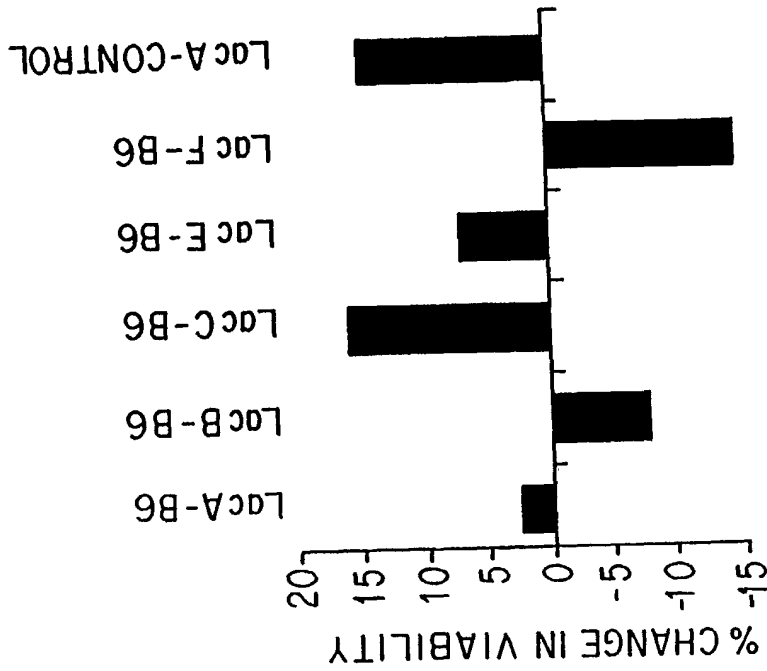


FIG. 9B

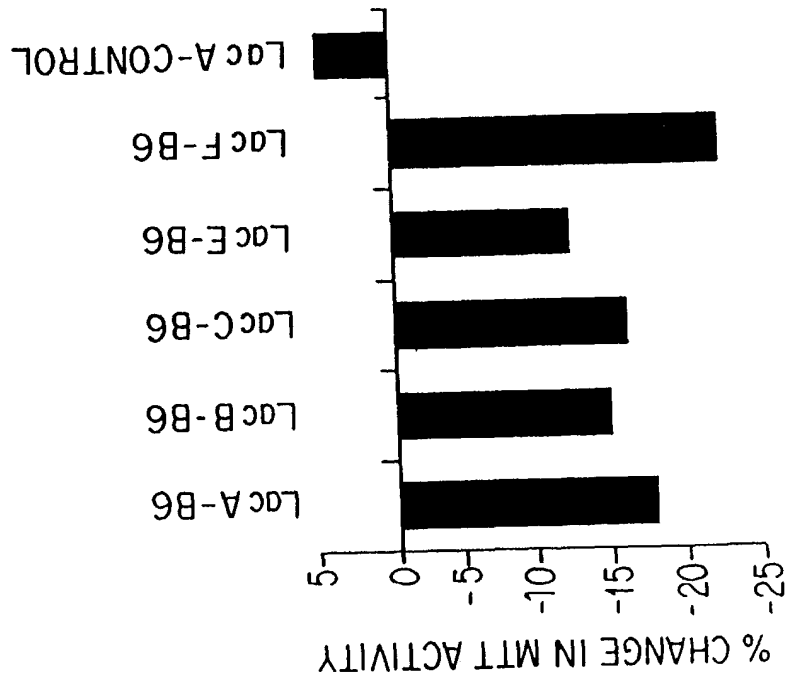


FIG. 9A

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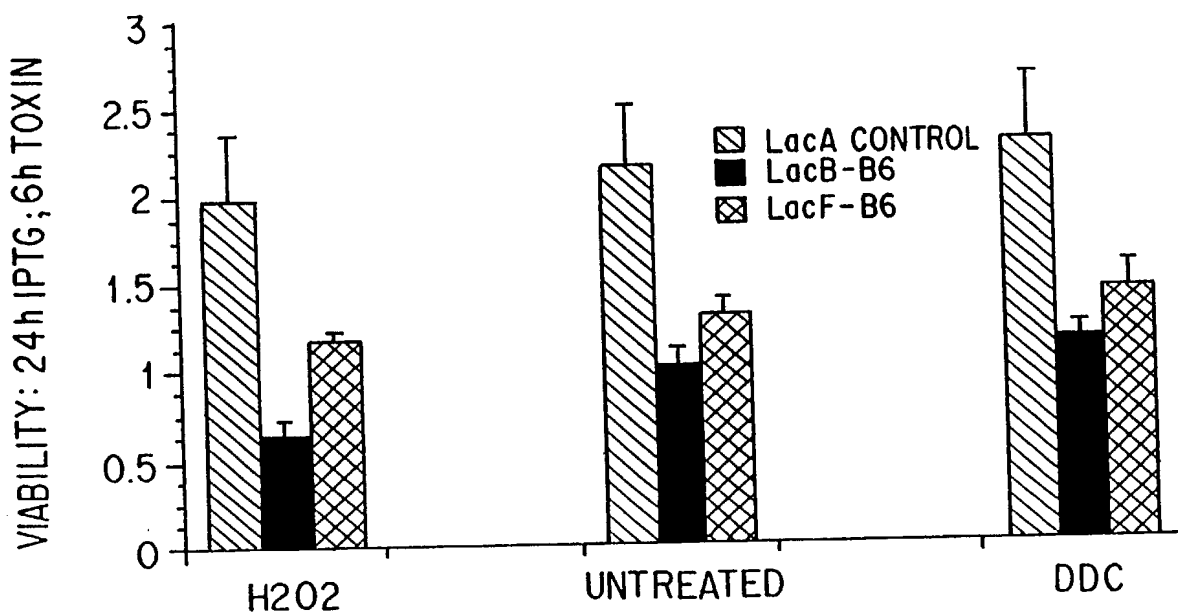


FIG. 10A

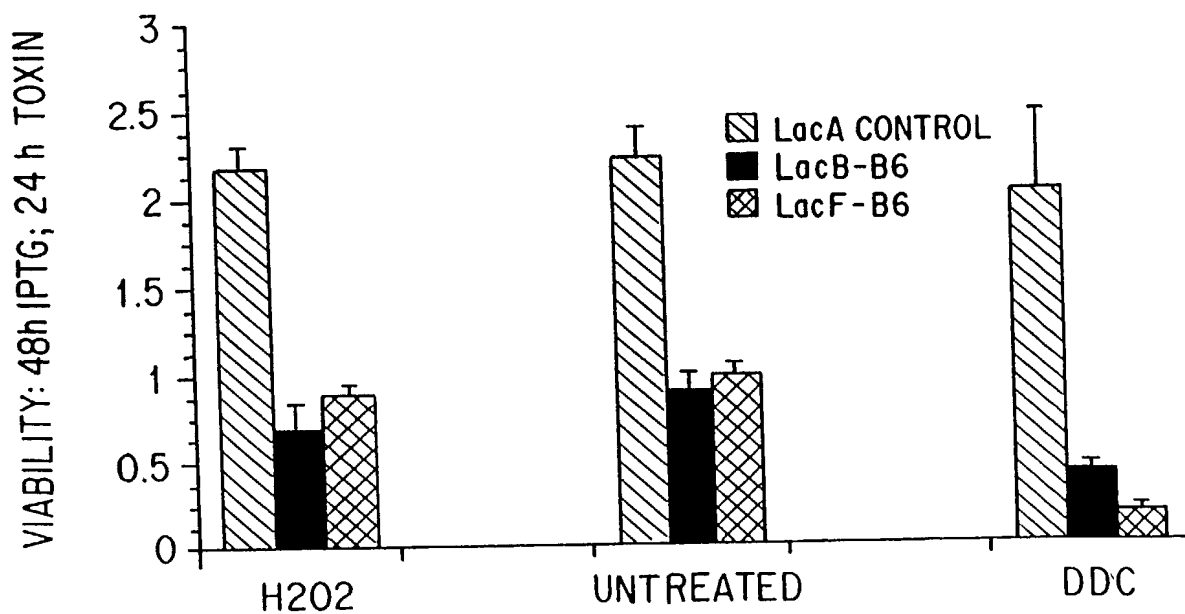


FIG. 10B

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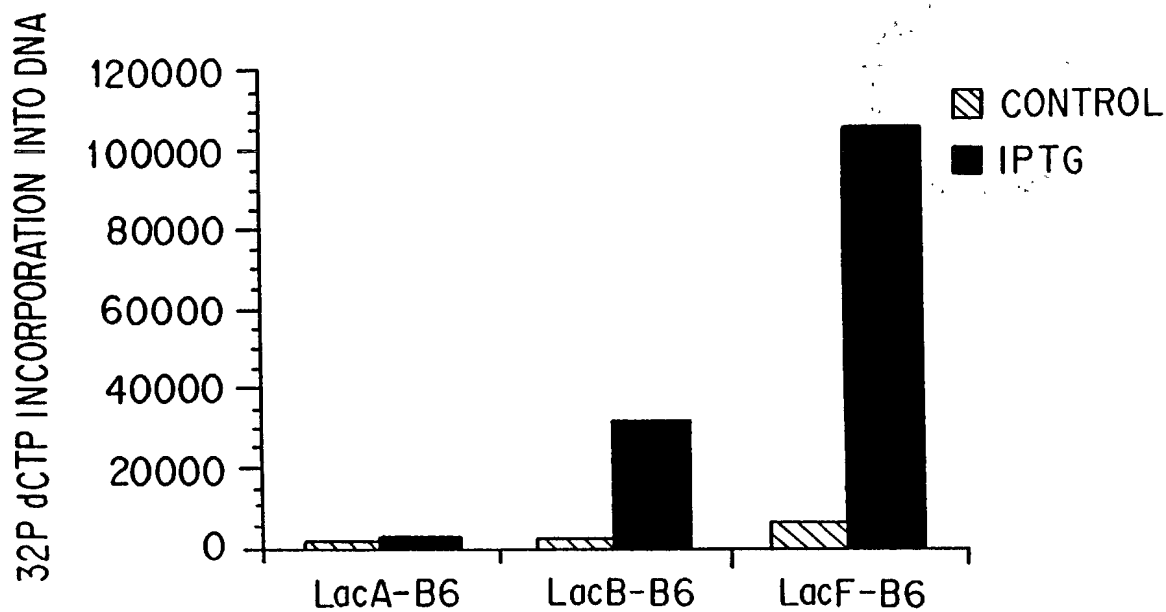


FIG. 11

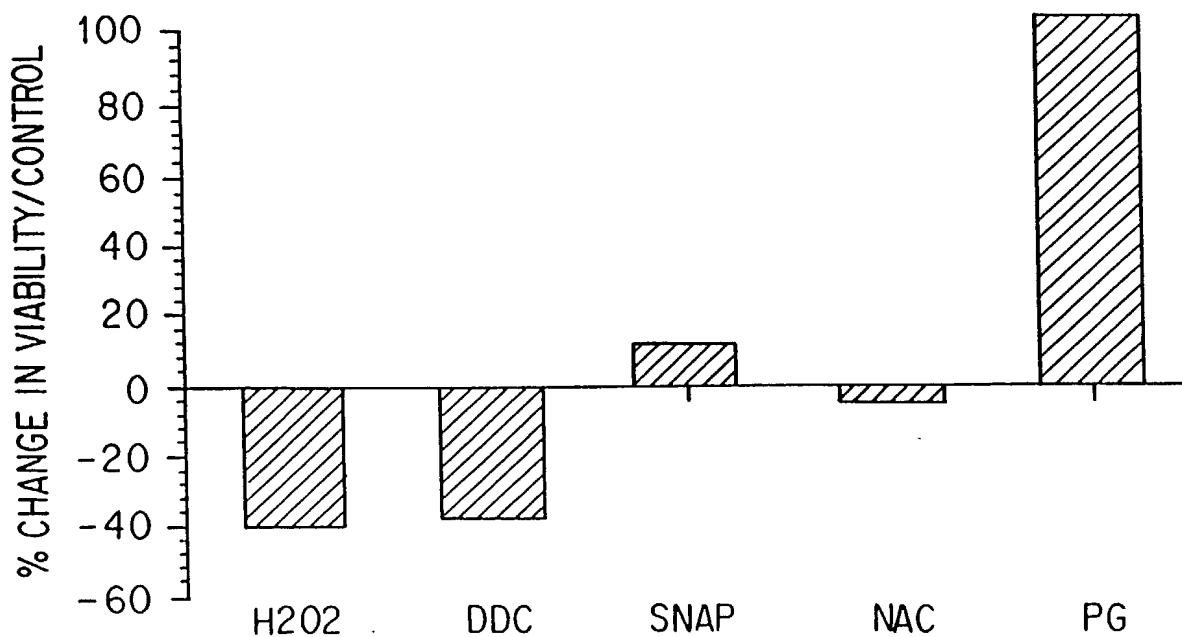


FIG. 12